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ENGINEERING TANNER

SELCAL CODER BE 701-250/DT

- Microcomputer controlled, fully programmable version with illuminated Display
- Latest up to date technology, LSI and µC semiconductors
- Reliability using highly integrated elements and components and by burn-in of the equipment at the factory
- 3 different modes of operation are possible:
    a) normal operation: codes are inserted by depressing the respective keys
    b) memory operation: 36 codes (tones A to S) are programmable by the customer. The codes can be assigned either to a letter or a number on the keyboard (a safety lock has to be released first)
    c) call sign operation: selcal codes for 150 immatri-culations - letters or figures - or flight numbers (max. 6 digits) can be programmed in addition to b) above
- Repeat function of the select code "
- Automatic self testing when switched on and also depressing a special key
- 32-digit lighted Display showing the actual mode of operation, selected code and in call sign operation, the
- immatriculation or flight number and code
- Quartz stabilized frequencies stored in PROM's
- The inserted data, b) and c) above, remain stored 6 to 8 weeks with switched-off equipment
- All functions are controlled and monitored digitally by microprocessors
- Link time programmable at the factory only (normally set at 2 sec)
- No adjustments necessary
- Modern design and appearance

TECHNICAL DATA of the SELCAL CODER BE 701-250/DT

(meeting at least standards of ICAO Annex 10, Selcal System)

Dimensions: width 299 mm, height 83 mm, depth 276 mm, weight app. 2.3 kg

Power Supply: 110 to 230 VAC, 50/60 Hz, tolerance -10 to +20% (No voltage selector required)

Options: 18 to 34 VDC or selective operation 110 to 230 VAC or 18 to 34 VDC

Frequency range: «RED» Block including tones P, Q, R, S

A	312.6 Hz	E	473.2 Hz	J	716.1 Hz	P	1083.9 Hz
B	346.7 Hz	F	524.8 Hz	K	794.3 Hz	Q	1202.3 Hz
C	384.6 Hz	G	582.1 Hz	L	881.0 Hz	R	1333.5 Hz
D	426.6 Hz	H	645.7 Hz	M	977.2 Hz	S	1479.1 Hz

Other allotted frequencies are programmable at the factory

Frequency stability: less than 0.02%

Frequency accuracy: less than ± 0.15%. Both values from O°C to +50°C (-30 to 60°C available at extra cost)

Audio Output: Normally adjusted to 0.775 V at 2 x 300 Ohm (600 Ohm), adjustable from -40 to +6 db
Distortion less than 15%

CALL times: Link time programmable from 0 to 5 sec (normally set at 2 sec)
(tone pulses)   T 1 = 1.0 sec followed by 0.2 sec interval, T 2 = 1.0 sec, Tolerance less than ± 0.05 sec

Delivery: 5 to 10 weeks after firm order

Prices: see Price-list

further version: 19" Rack mounted   Alterations reserved

A considerable advantage of SELCAL CODER BEW 701-250 is that the channels do not have to be constantly active. This prevents having to listen to irrelevant conversations.   16.08.2001 / Ch.T.